

PATENT ABSTRACTS OF JAPAN

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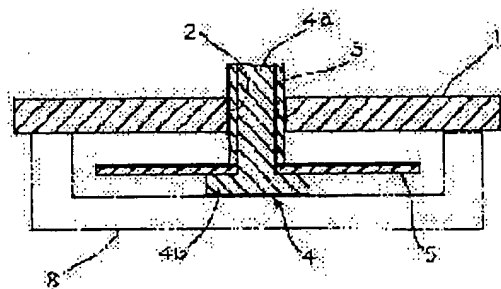
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(54) NONAQUEOUS SYSTEM BATTERY

(57) Abstract:

PURPOSE: To provide a battery excellent in air-tightness and insulation, by charging between a hole part drilled in a sheathing vessel and a periphery of inserted electrode pin with a seal member formed of synthetic resin material having non-reversible thermal expansion character.

CONSTITUTION: Between the periphery of an electrode pin 4 inserted into a hole part 2 drilled in a sheathing vessel 1 of a battery and the hole part 2, a seal member 3 formed of synthetic resin material having non-reversible thermal expansion character is interposed, to heat the member 3 expanded. The member 3 uses a thermal expansion tube of forming ethylene tetrafluoroethylene-perphloroalkyl vinyl ether copolymer resin, tetrafluoroethylene-propylene hexafluoride copolymer resin, etc., into a particular molecular structure. In this way, a clearance between the hole part 2 and the pin 4 is eliminated, to obtain a surely air-tight seal condition.



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